

Table 1. 1998 Summary Statistics

Item	Value	U.S. Rank	Item	Value	U.S. Rank
NERC Region(s)		WSCC	Utility		
Net Exporter or Importer		Exporter	Capability (MW)	10,449	26
Primary Generating Fuel		Hydro	Generation (MWh)	46,352,310	25
Population (as of 7/98)	3,282,055	28	Average Age of Plants (years)		
Average Electricity Price (cents/kWh) ^a	4.90	6	Coal-fired	18	
Industrial	3.50	7	Gas-fired	15	
Commercial	5.00	3	Hydroelectric	40	
Residential	5.82	4	Renewable	29	
Industry			Nonutility		
Capability (MW)	11,344	26	Capability (MW)	895	23
Generation (MWh)	51,142,373	25	Share of Capability (Percent)	7.9	23
Capability/person			Generation (MWh)	4,790,063	18
(KWe/person)	3.46	18	Share of Generation (Percent)	9.4	19
Generation/person					
(MWh/person)	15.58	23			
Emissions (Thousand Short Tons)					
Sulfur Dioxide	11	45			
Nitrogen Oxide	22	41			
Carbon Dioxide	7,077	42			
Sulfur Dioxide/sq. mile (Tons)	0.12	46			
Nitrogen Oxides/sq. mile (Tons)	0.23	47			
Carbon Dioxide/sq. mile (Tons)	73.72	47			

Table 2. Five Largest Plants, 1998

Plant	Energy Source ^b	Operating Company	Net Capability (MW)	Age (Years)
1. John Day	Hydro	USCE-North Pacific Division	2,484	30
2. The Dalles	Hydro	USCE-North Pacific Division	1,961	41
3. Bonneville	Hydro	USCE-North Pacific Division	1,212	60
4. McNary	Hydro	USCE-North Pacific Division	1,127	45
5. Hermiston Generating	Gas	Hermiston Generating Co LP	534	2

Table 3. Top Five Utilities Ranked by Retail Sales Revenue Within the State, 1998
(Million Dollars)

Utility	All Sectors	Residential	Commercial	Industrial	Other
A. Portland General Electric Co	911	431	337	132	10
B. PacifiCorp	728	316	224	184	4
C. City of Eugene	100	44	41	14	1
D. Central Lincoln People's Ut Dt	54	20	10	23	1
E. Oregon Trail El Cons Coop, Inc	37	16	11	9	2
Total	1,829	828	623	361	17
Percentage of Utility Sales	83	81	88	79	62

Table 4. Electric Power Industry Generating Capability by Plant Type, 1988, 1993, and 1998
(Megawatts Electric)

Plant Type	1988	1993	1998	Annual Growth Rate 1988-1998 (Percent)	Percentage Share 1988	Percentage Share 1993	Percentage Share 1998
Total Utility	11,236	10,133	10,449	-0.8	97.3	97.1	92.1
Coal-fired	530	508	528	*	4.6	4.9	4.7
Petroleum-fired	6	6	--	--	0.1	0.1	0.0
Gas-fired	148	152	500	14.5	1.3	1.5	4.4
Dual-fired	448	448	352	-2.6	3.9	4.3	3.1
Nuclear	1,104	--	--	--	9.6	--	--
Hydroelectric	8,988	9,008	9,032	0.1	77.8	86.3	79.6
Renewable	11	11	37	14.0	0.1	0.1	0.3
Total Nonutility	314	300	895	12.3	2.7	2.9	7.9
Industry	11,550	10,433	11,344	-0.2	100.0	100.0	100.0

Figure 1. Utility Generating Capability by Plant Type, 1998

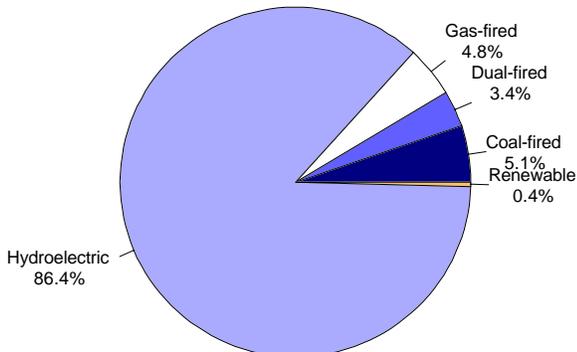


Figure 2. Utility Generation by Primary Energy Source, 1998

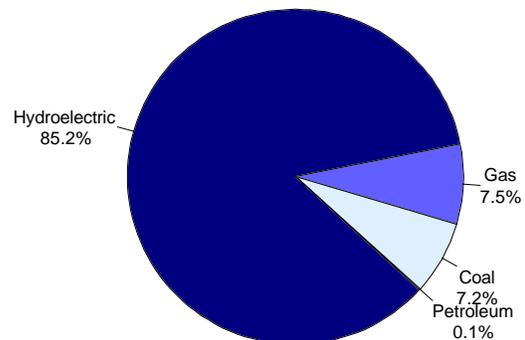


Table 5. Electric Power Industry Generation of Electricity by Primary Energy Source, 1988, 1993, and 1998
(Megawatthours)

Fuel	1988	1993	1998	Annual Growth Rate 1988-1998 (Percent)	Percentage Share 1988	Percentage Share 1993	Percentage Share 1998
Total Utility	41,047,870	40,743,085	46,352,310	1.4	97.2	97.2	90.6
Coal	-29,808	3,502,742	3,348,089	*	-0.1	8.4	6.5
Petroleum	-6,530	32,365	33,127	*	*	0.1	0.1
Gas	--	1,687,456	3,466,916	--	--	4.0	6.8
Nuclear	6,338,763	-21,276	--	--	15.0	-0.1	--
Hydroelectric	34,646,196	35,531,031	39,504,178	1.5	82.0	84.8	77.2
Renewable	99,249	10,767	--	--	0.2	*	--
Total Nonutility	1,199,062	1,166,500	4,790,063	16.6	2.8	2.8	9.4
Industry	42,246,932	41,909,585	51,142,373	2.1	100.0	100.0	100.0

Table 6. Utility Delivered Fuel Prices for Coal, Petroleum, and Gas, 1988, 1993, and 1998
(Cents per Million Btu, 1998 Dollars)

Fuel	1988	1993	1998	Annual Growth Rate 1988-1998 (Percent)
Coal	139.0	112.2	108.9	-2.7
Petroleum	--	382.8	331.9	--
Gas	--	225.2	154.1	--

Table 7. Electric Power Industry Emissions Estimates, 1988, 1993, and 1998
(Thousand Short Tons)

Emission Type	1988	1993	1998	Annual Growth Rate 1988-1998 (Percent)
Sulfur Dioxide	--	13	11	--
Nitrogen Oxides ^c	--	17	22	--
Carbon Dioxide ^c	--	4,628	7,077	--

Figure 3. Utility Generation of Electricity by Primary Energy Source, 1988-1998

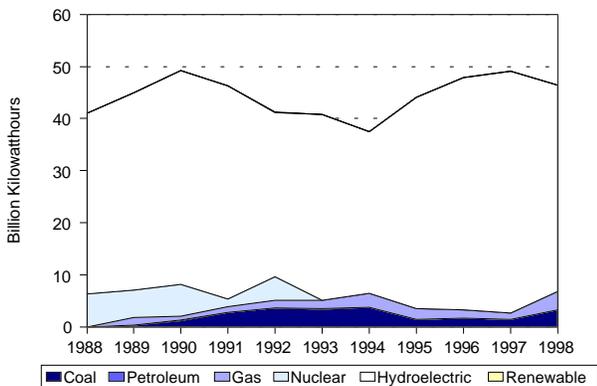


Figure 4. Utility Delivered Fuel Prices for Coal, Petroleum, and Gas, 1988-1998
(1998 Dollars)

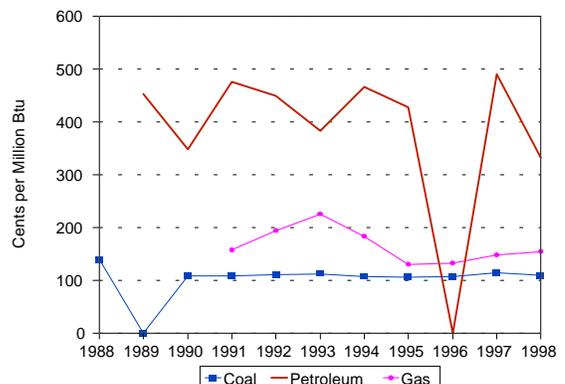


Figure 5. Estimated Sulfur Dioxide Emissions, 1988-1998

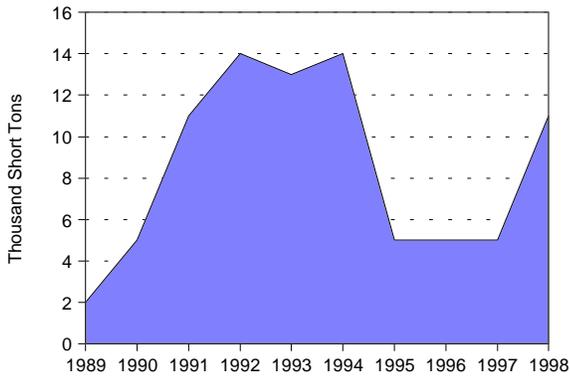


Figure 6. Estimated Nitrogen Oxide Emissions, 1988-1998

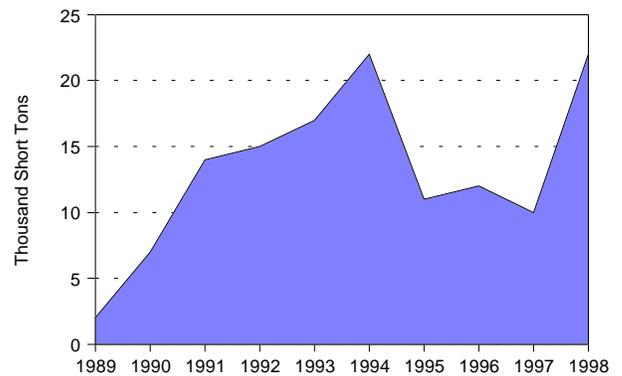


Figure 7. Estimated Carbon Dioxide Emissions, 1988-1998

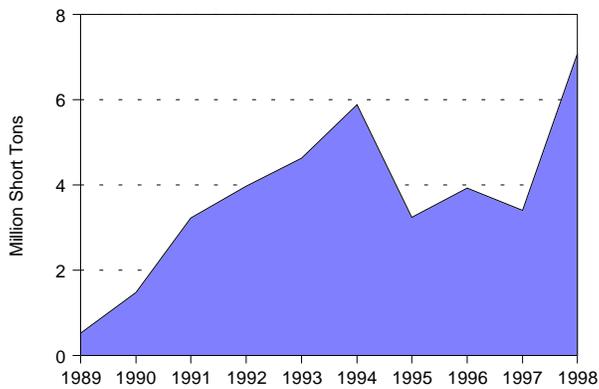


Table 8. Utility Retail Sales by Sector, 1988, 1993, and 1998
(Megawatthours)

Sector	1988	1993	1998	Annual Growth Rate 1988-1998 (Percent)	Percentage Share 1988	Percentage Share 1993	Percentage Share 1998
Residential . . .	14,338,450	16,696,260	17,496,101	2.2	36.5	37.4	38.8
Commercial . .	10,605,094	12,205,080	14,102,789	3.2	27.0	27.4	31.3
Industrial	13,632,937	15,012,281	13,070,033	-0.5	34.7	33.7	29.0
Other	735,750	664,281	413,784	-6.2	1.9	1.5	0.9
Total	39,312,233	44,577,902	45,082,707	1.5	100.0	100.0	100.0

Figure 8. Nuclear Power Capacity Factor Comparison, 1988-1998

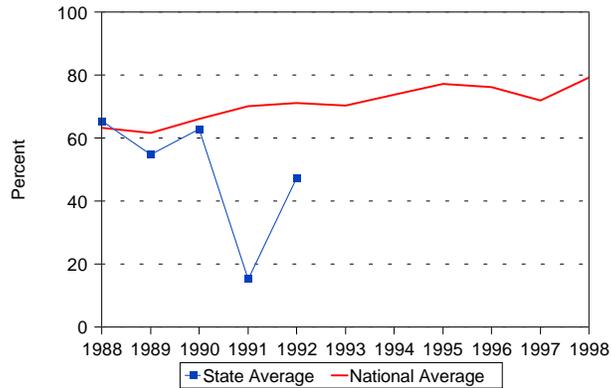


Table 9. Utility Retail Sales Statistics, 1988, 1993, and 1998

Item	Investor-Owned	Public	Federal	Cooperative	Total
	1988				
Number of Utilities	4	17	1	18	40
Number of Retail Customers	1,012,016	198,313	9	112,992	1,323,330
Retail Sales (MWh)	26,585,677	6,844,606	3,197,632	2,684,318	39,312,233
Percentage of Retail Sales	67.6	17.4	8.1	6.8	100.0
Revenue from Retail Sales (million 1998 dollars) ^d	1,591	284	112	156	2,143
Percentage of Revenue	74.3	13.3	5.2	7.3	100.0
	1993				
Number of Utilities	3	17	1	19	40
Number of Retail Customers	1,067,147	218,109	8	153,241	1,438,505
Retail Sales (MWh)	29,822,638	8,127,750	2,972,248	3,655,266	44,577,902
Percentage of Retail Sales	66.9	18.2	6.7	8.2	100.0
Revenue from Retail Sales (million 1998 dollars) ^d	1,577	330	66	200	2,174
Percentage of Revenue	72.5	15.2	3.0	9.2	100.0
	1998				
Number of Utilities	3	17	1	19	40
Number of Retail Customers	1,186,728	240,382	1	169,211	1,596,322
Retail Sales (MWh)	32,341,147	8,627,350	3,973	4,110,237	45,082,707
Percentage of Retail Sales	71.7	19.1	--	9.1	100.0
Revenue from Retail Sales (million 1998 dollars) ^d	1,663	332	--	215	2,209
Percentage of Revenue	75.3	15.0	--	9.7	100.0